

**PCW**

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Technical Data Sheet**TRANS 2 HEXENAL**

Manufacture PCW

Reference : TRANS 2 HEXENAL

TECHNICAL DATA

<i>IUPAC Name :</i>	Trans-2-Hexenal
<i>Chemical / REACH name :</i>	Trans-Hex-2-enal
<i>I.N.C.I. :</i>	Trans-2-Hexenal
<i>Molecular formula :</i>	C ₆ H ₁₀ O
<i>Use of the substance / mixture :</i>	Industrial use only
<i>Origin raw material :</i>	Synthetic
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>CAS number :</i>	6728-26-3
<i>GMO (Reg (EC) 1829/2003 & 1830/2003) :</i>	No
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>Ref code :</i>	T2H-1
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Green grassy, herbaceous, fruity ester
<i>Relative density 20°C :</i>	[0.839 ; 0.847]
<i>Refractive index @ 20°C :</i>	[1.445 ; 1.449]
<i>Flash point (°C) (close cup) :</i>	35
<i>Purity (%) :</i>	[99.1 ; 100]

REGULAR DATA FLAVOURS

<i>Food allergens (Reg. 1169/2011/EC) :</i>	None
<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring substance
<i>Foodgrade certificate :</i>	Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

TRANSPORT - HANDLING - STORAGE

<i>Shelf life :</i>	24 months, according to storage conditions
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TRANS 2 HEXENAL

Custom tariff :	2912 19 90 00
Precautions of use :	Avoid any direct contact with the product.
Storage :	Keep under Nitrogen, at cool temperature (max 20°C). Avoid prolonged exposure to light, humidity and air.

Transport :

Land Transport ADR/RID :	1988 ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.(trans-2-Hexenal), 3 (6.1), III
Maritime Transport IMDG :	1988 ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.(trans-2-Hexenal), 3 (6.1), III
Marine pollutant :	
Air Transport IATA :	1988 ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.(trans-2-Hexenal), 3 (6.1), III

LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 452
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB2164584
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
JECFA n° : 1353
ISHL (Japan) : Not listed
IECSC (China) : Listed
FLAVIS : 05.073
FEMA : 2560
FDA : Not listed
ENCS (Japan) n° : 2-520
EINECS (EU) : 229-778-1
TCSI (Taiwan) : Listed
KECI : KE-19843
COE (Council of Europe) : 748
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 6728-26-3

Labeling :



Symbol: F
R10:Flammable.
Symbol: Xn
R43:May cause sensitization by skin contact.
R21/22:Harmful in contact with skin and if swallowed.
Symbol: N
R51-53:Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S61:Avoid release to the environment. Refer to special instructions / Safety data sheets.
S36/37:Wear suitable protective clothing and gloves.
S24:Avoid contact with skin.
S16:Keep away from sources of ignition - No smoking.